

<213> Rattus norvegicus

<400> 4

Met	Asp	Pro	Ile	Glu	Leu	Arg	Ser	Val	Asn	Ile	Glu	Pro	Tyr	Glu	Asp	1	5	10	15
Ser	Cys	Ser	Val	Asp	Ser	Ile	Gln	Ser	Cys	Tyr	Thr	Gly	Met	Gly	Asn	20	25	30	
Ser	Glu	Lys	Gly	Ala	Met	Asp	Ser	Gln	Phe	Ala	Asn	Glu	Asp	Ala	Glu	35	40	45	
Ser	Gln	Lys	Phe	Leu	Thr	Asn	Gly	Phe	Leu	Gly	Lys	Lys	Thr	Leu	Thr	50	55	60	
Asp	Tyr	Ala	Asp	Glu	His	His	Pro	Gly	Thr	Thr	Ser	Phe	Gly	Met	Ser	65	70	75	80
Ser	Phe	Asn	Leu	Ser	Asn	Ala	Ile	Met	Gly	Ser	Gly	Ile	Leu	Gly	Leu	85	90	95	
Ser	Tyr	Ala	Met	Ala	Asn	Thr	Gly	Ile	Val	Leu	Phe	Val	Ile	Met	Leu	100	105	110	
Leu	Thr	Val	Ala	Ile	Leu	Ser	Leu	Tyr	Ser	Val	His	Leu	Leu	Leu	Lys	115	120	125	
Thr	Ala	Lys	Glu	Gly	Gly	Ser	Leu	Ile	Tyr	Glu	Lys	Leu	Gly	Glu	Lys	130	135	140	
Ala	Phe	Gly	Trp	Pro	Gly	Lys	Ile	Gly	Ala	Phe	Ile	Ser	Ile	Thr	Met	145	150	155	160
Gln	Asn	Ile	Gly	Ala	Met	Ser	Ser	Tyr	Leu	Phe	Ile	Ile	Lys	Tyr	Glu	165	170	175	
Leu	Pro	Glu	Val	Ile	Arg	Val	Phe	Met	Gly	Leu	Glu	Glu	Asn	Thr	Gly	180	185	190	
Glu	Trp	Tyr	Leu	Asn	Gly	Asn	Tyr	Leu	Val	Leu	Phe	Val	Ser	Val	Gly	195	200	205	
Ile	Ile	Leu	Pro	Leu	Ser	Leu	Leu	Lys	Asn	Leu	Gly	Tyr	Leu	Gly	Tyr	210	215	220	
Thr	Ser	Gly	Phe	Ser	Leu	Thr	Cys	Met	Val	Phe	Phe	Val	Ser	Val	Val	225	230	235	240
Ile	Tyr	Lys	Lys	Phe	Gln	Ile	Pro	Cys	Pro	Leu	Pro	Val	Leu	Asp	His	245	250	255	
Asn	Asn	Gly	Asn	Leu	Thr	Phe	Asn	Asn	Thr	Leu	Pro	Met	His	Val	Ile	260	265	270	
Met	Leu	Pro	Asn	Asn	Ser	Glu	Ser	Thr	Gly	Met	Asn	Phe	Met	Val	Asp	275	280	285	
Tyr	Thr	His	Arg	Asp	Pro	Glu	Gly	Leu	Asp	Glu	Lys	Pro	Ala	Ala	Gly	290	295	300	
Pro	Leu	His	Gly	Ser	Gly	Val	Glu	Tyr	Glu	Ala	His	Ser	Gly	Asp	Lys	305	310	315	320
Cys	Gln	Pro	Lys	Tyr	Phe	Val	Phe	Asn	Ser	Arg	Thr	Ala	Tyr	Ala	Ile	325	330	335	
Pro	Ile	Leu	Ala	Phe	Ala	Phe	Val	Cys	His	Pro	Glu	Val	Leu	Pro	Ile	340	345	350	
Tyr	Ser	Glu	Leu	Lys	Asp	Arg	Ser	Arg	Arg	Lys	Met	Gln	Thr	Val	Ser	355	360	365	
Asn	Ile	Ser	Ile	Thr	Gly	Met	Leu	Val	Met	Tyr	Leu	Leu	Ala	Ala	Leu	370	375	380	
Phe	Gly	Tyr	Leu	Ser	Phe	Tyr	Gly	Glu	Val	Glu	Asp	Glu	Leu	Leu	His	385	390	395	400
Ala	Tyr	Ser	Lys	Val	Tyr	Thr	Phe	Asp	Thr	Ala	Leu	Leu	Met	Val	Arg	405	410	415	
Leu	Ala	Val	Leu	Val	Ala	Val	Thr	Leu	Thr	Val	Pro	Ile	Val	Leu	Phe	420	425	430	

Pro Ile Arg Thr Ser Val Ile Thr Leu Leu Phe Pro Arg Arg Pro Phe  
 435 440 445  
 Ser Trp Val Lys His Phe Gly Ile Ala Ala Ile Ile Ala Leu Asn  
 450 455 460  
 Asn Val Leu Val Ile Leu Val Pro Thr Ile Lys Tyr Ile Phe Gly Phe  
 465 470 475 480  
 Ile Gly Ala Ser Ser Ala Thr Met Leu Ile Phe Ile Leu Pro Ala Ala  
 485 490 495  
 Phe Tyr Leu Lys Leu Val Lys Lys Glu Pro Leu Arg Ser Pro Gln Lys  
 500 505 510  
 Ile Gly Ala Leu Val Phe Leu Val Thr Gly Ile Ile Phe Met Met Gly  
 515 520 525  
 Ser Met Ala Leu Ile Ile Ile Asp Trp Ile Tyr Asn Pro Pro Asn Pro  
 530 535 540  
 Asp His His  
 545

<210> 5  
 <211> 506  
 <212> PRT  
 <213> Human

<400> 5  
 Met Lys Lys Ala Glu Met Gly Arg Phe Ser Ile Ser Pro Asp Glu Asp  
 1 5 10 15  
 Ser Ser Ser Tyr Ser Ser Asn Ser Asp Phe Asn Tyr Ser Tyr Pro Thr  
 20 25 30  
 Lys Gln Ala Ala Leu Lys Ser His Tyr Ala Asp Val Asp Pro Glu Asn  
 35 40 45  
 Gln Asn Phe Leu Leu Glu Ser Asn Leu Gly Lys Lys Lys Tyr Glu Thr  
 50 55 60  
 Glu Phe His Pro Gly Thr Thr Ser Phe Gly Met Ser Val Phe Asn Leu  
 65 70 75 80  
 Ser Asn Ala Ile Val Gly Ser Gly Ile Leu Gly Leu Ser Tyr Ala Met  
 85 90 95  
 Ala Asn Thr Gly Ile Ala Leu Phe Ile Ile Leu Leu Thr Phe Val Ser  
 100 105 110  
 Ile Phe Ser Leu Tyr Ser Val His Leu Leu Lys Thr Ala Asn Glu  
 115 120 125  
 Gly Gly Ser Leu Leu Tyr Glu Gln Leu Gly Tyr Lys Ala Phe Gly Leu  
 130 135 140  
 Val Gly Lys Leu Ala Ala Ser Gly Ser Ile Thr Met Gln Asn Ile Gly  
 145 150 155 160  
 Ala Met Ser Ser Tyr Leu Phe Ile Val Lys Tyr Glu Leu Pro Leu Val  
 165 170 175  
 Ile Gln Ala Leu Thr Asn Ile Glu Asp Lys Thr Gly Leu Trp Tyr Leu  
 180 185 190  
 Asn Gly Asn Tyr Leu Val Leu Leu Val Ser Leu Val Val Ile Leu Pro  
 195 200 205  
 Leu Ser Leu Phe Arg Asn Leu Gly Tyr Leu Gly Tyr Thr Ser Gly Leu  
 210 215 220  
 Ser Leu Leu Cys Met Val Phe Phe Leu Ile Val Val Ile Cys Lys Lys  
 225 230 235 240  
 Phe Gln Val Pro Cys Pro Val Glu Ala Ala Leu Ile Ile Asn Glu Thr  
 245 250 255  
 Ile Asn Thr Thr Leu Thr Gln Pro Thr Ala Leu Val Pro Ala Leu Ser

05765-05601

